



ETR No.
ELITE ELECTRONIC ENGINEERING CO.

MANUFACTURER : DELTA MOBILE SOFTWARE, INC.
MODEL : P4243ME
S/N :
SPECIFICATION : EN 55022, CLASS B
TEST : LINE CONDUCTED EMISSIONS
LINE TESTED : 115V, 60Hz RETURN
MODE : WITH PE650
DATE : 29 Sep 2005
NOTES : Rx @ 908.3MHz
RECEIVER : HP 8566 w/ HP85650A QP ADAPTOR
VALUES MEASURED WITH QP DETECTOR USING 9kHz BANDWIDTH

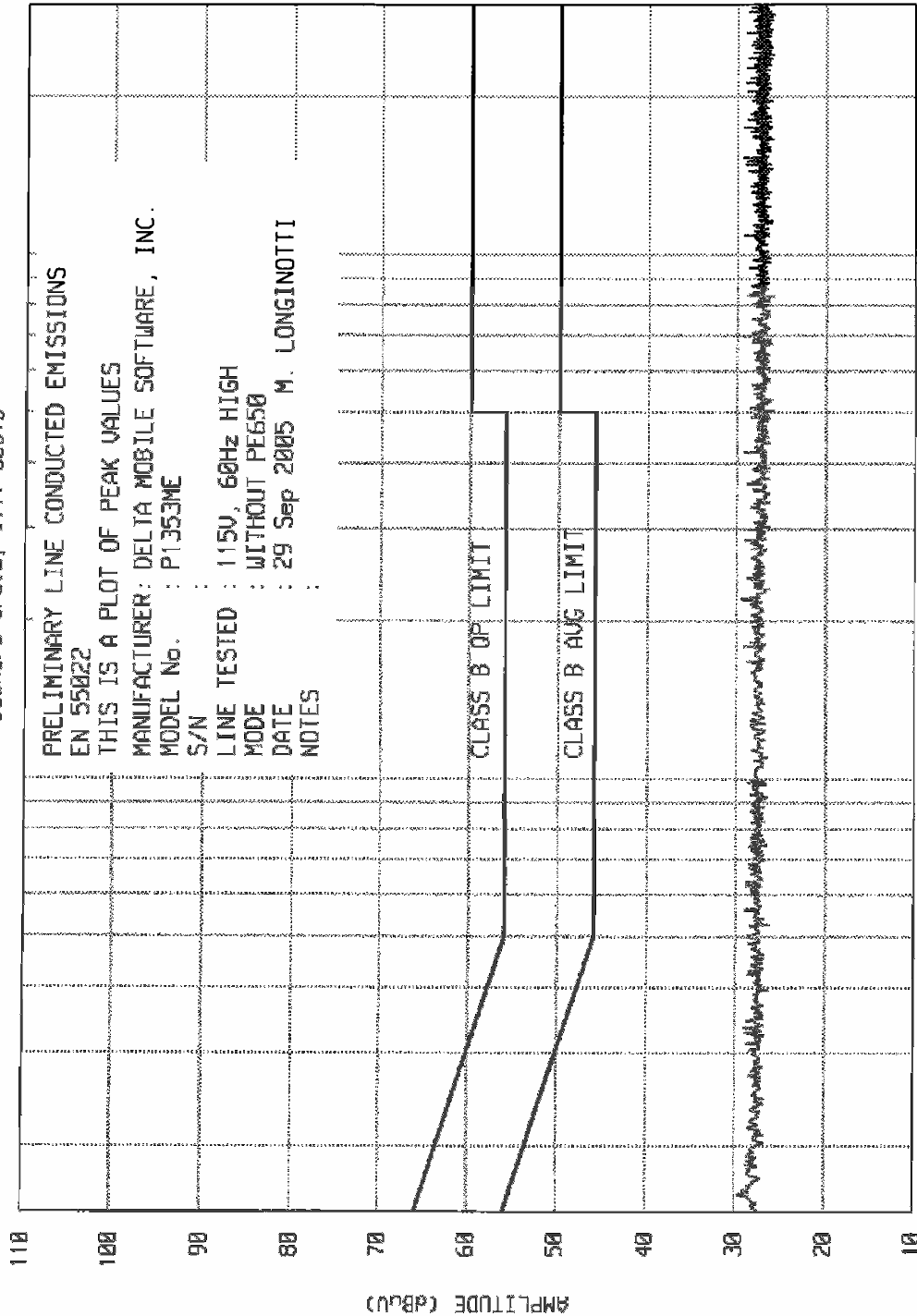
FREQUENCY MHz	METER RDG. dBuV	QP LIMIT dBuV	AVG RDG dBuV	AVG LIMIT dBuV	NOTES
.243	29.2	62.0		52.0	
.478	26.0	56.4		46.4	
.845	26.3	56.0		46.0	
1.724	26.2	56.0		46.0	
2.610	25.9	56.0		46.0	
4.316	26.0	56.0		46.0	
6.331	25.6	60.0		50.0	
8.835	25.7	60.0		50.0	
11.717	25.6	60.0		50.0	
14.663	25.4	60.0		50.0	
18.675	25.6	60.0		50.0	
21.422	25.6	60.0		50.0	
24.728	25.7	60.0		50.0	
27.883	26.1	60.0		50.0	

CHECKED BY: Mark E Longino
M. LONGINO

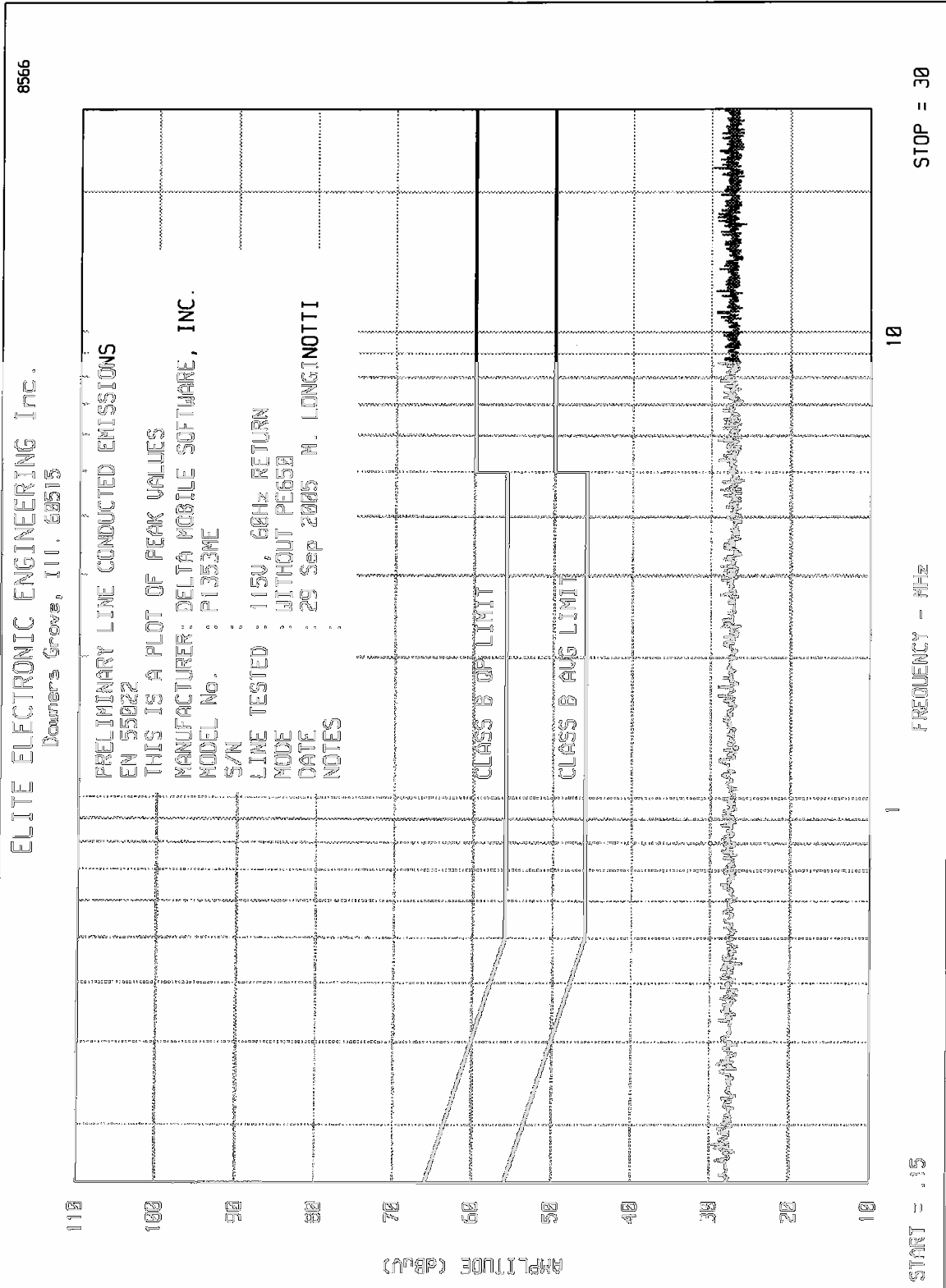
8566

ELITE ELECTRONIC ENGINEERING Inc.
 Downers Grove, Ill. 60515

PRELIMINARY LINE CONDUCTED EMISSIONS
 EN 55022
 THIS IS A PLOT OF PEAK VALUES
 MANUFACTURER: DELTA MOBILE SOFTWARE, INC.
 MODEL No. : P1353ME
 S/N :
 LINE TESTED : 115U, 60Hz HIGH
 MODE : WITHOUT PE650
 DATE : 29 Sep 2005 M. LONGINOTTI
 NOTES :



START = .15 FREQUENCY - MHz STOP = 30





ETR No.
ELITE ELECTRONIC ENGINEERING CO.

MANUFACTURER : DELTA MOBILE SOFTWARE, INC.
MODEL : P1353ME
S/N :
SPECIFICATION : EN 55022, CLASS B
TEST : LINE CONDUCTED EMISSIONS
LINE TESTED : 115V, 60Hz HIGH
MODE : WITHOUT PE650
DATE : 29 Sep 2005
NOTES :
RECEIVER : HP 8566 w/ HP85650A QP ADAPTOR
VALUES MEASURED WITH QP DETECTOR USING 9kHz BANDWIDTH

FREQUENCY MHz	METER RDG. dBuV	QP LIMIT dBuV	AVG RDG dBuV	AVG LIMIT dBuV	NOTES
.151	28.4	65.9		55.9	
.360	26.6	58.7		48.7	
.550	26.4	56.0		46.0	
.973	26.0	56.0		46.0	
2.188	25.9	56.0		46.0	
3.325	25.9	56.0		46.0	
4.943	26.0	56.0		46.0	
6.931	25.6	60.0		50.0	
9.399	25.6	60.0		50.0	
13.103	25.6	60.0		50.0	
15.243	25.6	60.0		50.0	
18.473	25.6	60.0		50.0	
21.532	25.4	60.0		50.0	
23.653	25.4	60.0		50.0	
27.908	25.6	60.0		50.0	

CHECKED BY: Mark E Longinotti
M. LONGINOTTI



ETR No.
ELITE ELECTRONIC ENGINEERING CO.

MANUFACTURER : DELTA MOBILE SOFTWARE, INC.
MODEL : P1353ME
S/N :
SPECIFICATION : EN 55022, CLASS B
TEST : LINE CONDUCTED EMISSIONS
LINE TESTED : 115V, 60Hz RETURN
MODE : WITHOUT PE650
DATE : 29 Sep 2005
NOTES :
RECEIVER : HP 8566 w/ HP85650A QP ADAPTOR
VALUES MEASURED WITH QP DETECTOR USING 9kHz BANDWIDTH

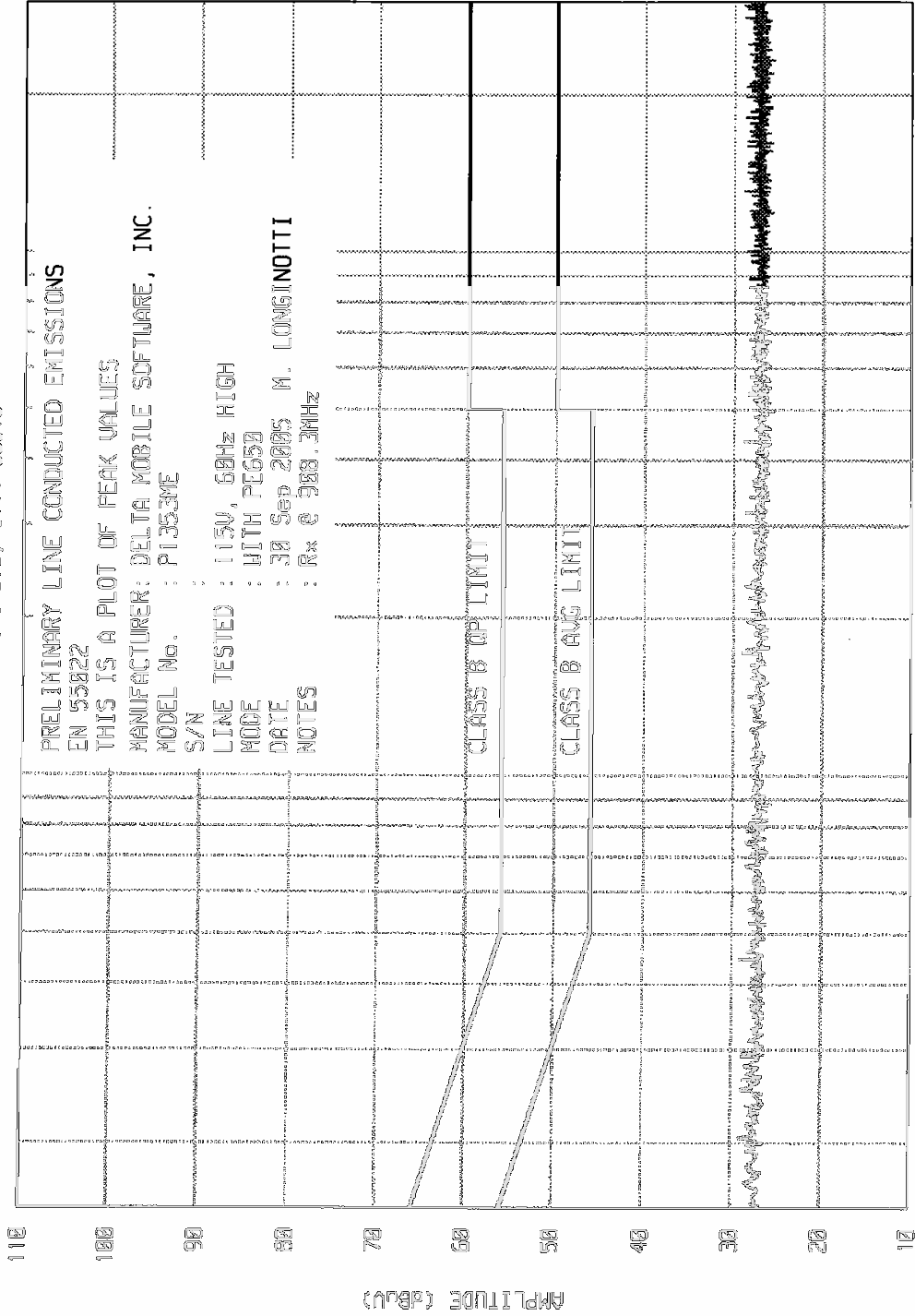
FREQUENCY MHz	METER RDG. dBuV	QP LIMIT dBuV	AVG RDG dBuV	AVG LIMIT dBuV	NOTES
.362	27.1	58.7		48.7	
.605	26.3	56.0		46.0	
.856	26.0	56.0		46.0	
1.710	26.2	56.0		46.0	
3.104	26.0	56.0		46.0	
5.200	25.4	60.0		50.0	
7.199	25.6	60.0		50.0	
9.927	25.6	60.0		50.0	
12.188	25.6	60.0		50.0	
15.243	25.6	60.0		50.0	
17.643	25.4	60.0		50.0	
22.163	25.6	60.0		50.0	
24.392	25.4	60.0		50.0	
27.488	25.6	60.0		50.0	

CHECKED BY: Mark E. Longinosi
M. LONGINOSI

8566

ELITE ELECTRONIC ENGINEERING INC.

Downers Grove, Ill. 60515



STOP = 30

10

FREQUENCY - MHz

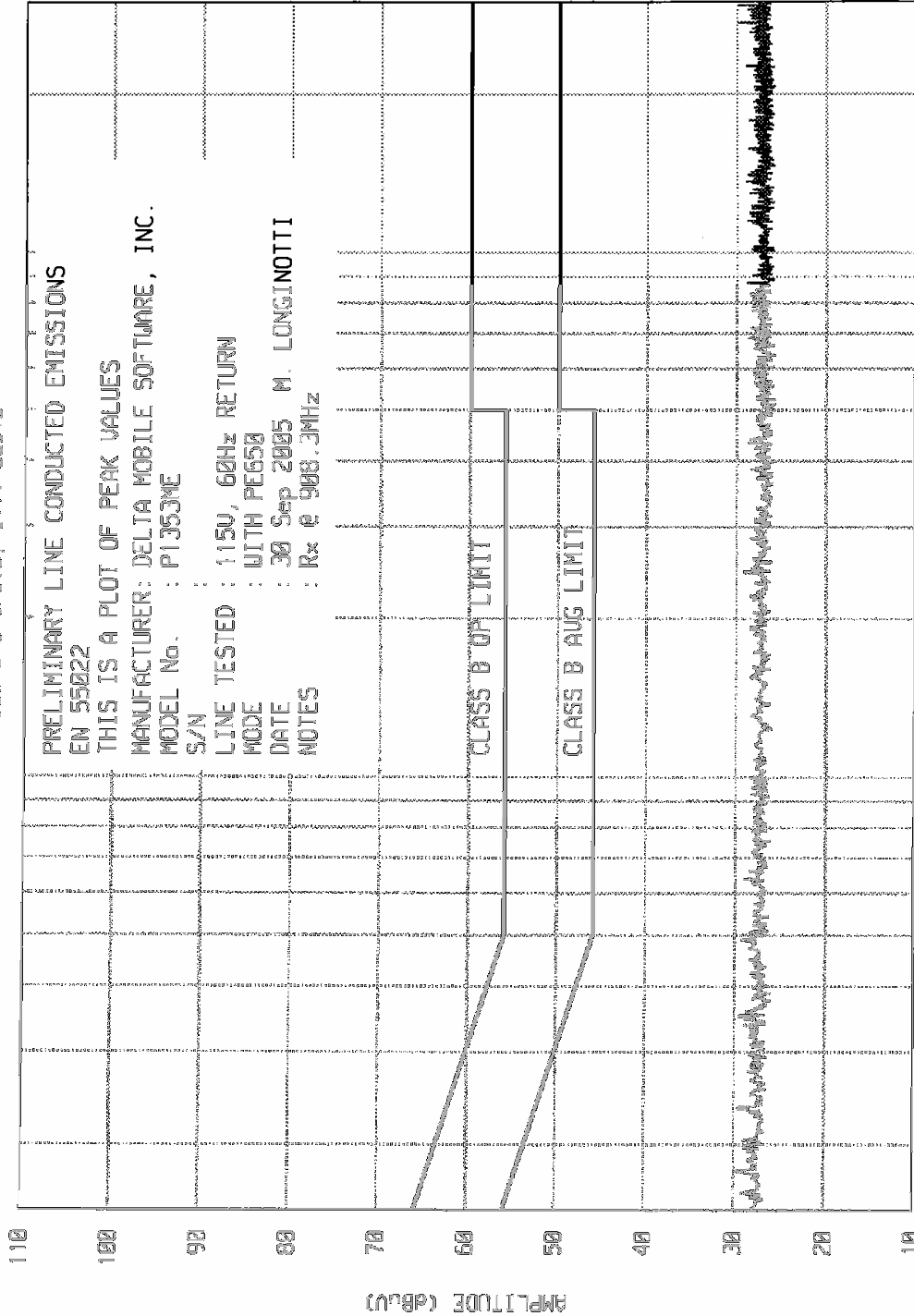
1

START = .15

8566

ELITE ELECTRONIC ENGINEERING INC.

Deer's Grove, Ill. 62515



START = .15 STOP = 30



ETR No.
ELITE ELECTRONIC ENGINEERING CO.

MANUFACTURER : DELTA MOBILE SOFTWARE, INC.
MODEL : P1353ME
S/N :
SPECIFICATION : EN 55022, CLASS B
TEST : LINE CONDUCTED EMISSIONS
LINE TESTED : 115V, 60Hz HIGH
MODE : WITH PE650
DATE : 30 Sep 2005
NOTES : Rx @ 908.3MHz
RECEIVER : HP 8566 w/ HP85650A QP ADAPTOR
VALUES MEASURED WITH QP DETECTOR USING 9kHz BANDWIDTH

FREQUENCY MHz	METER RDG. dBuV	QP LIMIT dBuV	AVG RDG dBuV	AVG LIMIT dBuV	NOTES
.242	28.5	62.0		52.0	
.453	26.0	56.8		46.8	
.802	26.3	56.0		46.0	
1.406	26.1	56.0		46.0	
2.984	25.9	56.0		46.0	
4.308	26.1	56.0		46.0	
6.151	25.6	60.0		50.0	
8.838	25.4	60.0		50.0	
12.148	25.6	60.0		50.0	
14.613	25.6	60.0		50.0	
17.908	25.4	60.0		50.0	
20.688	25.6	60.0		50.0	
24.823	25.6	60.0		50.0	
26.318	25.4	60.0		50.0	

CHECKED BY: Mark E. Longinosti
M. LONGINOSTI

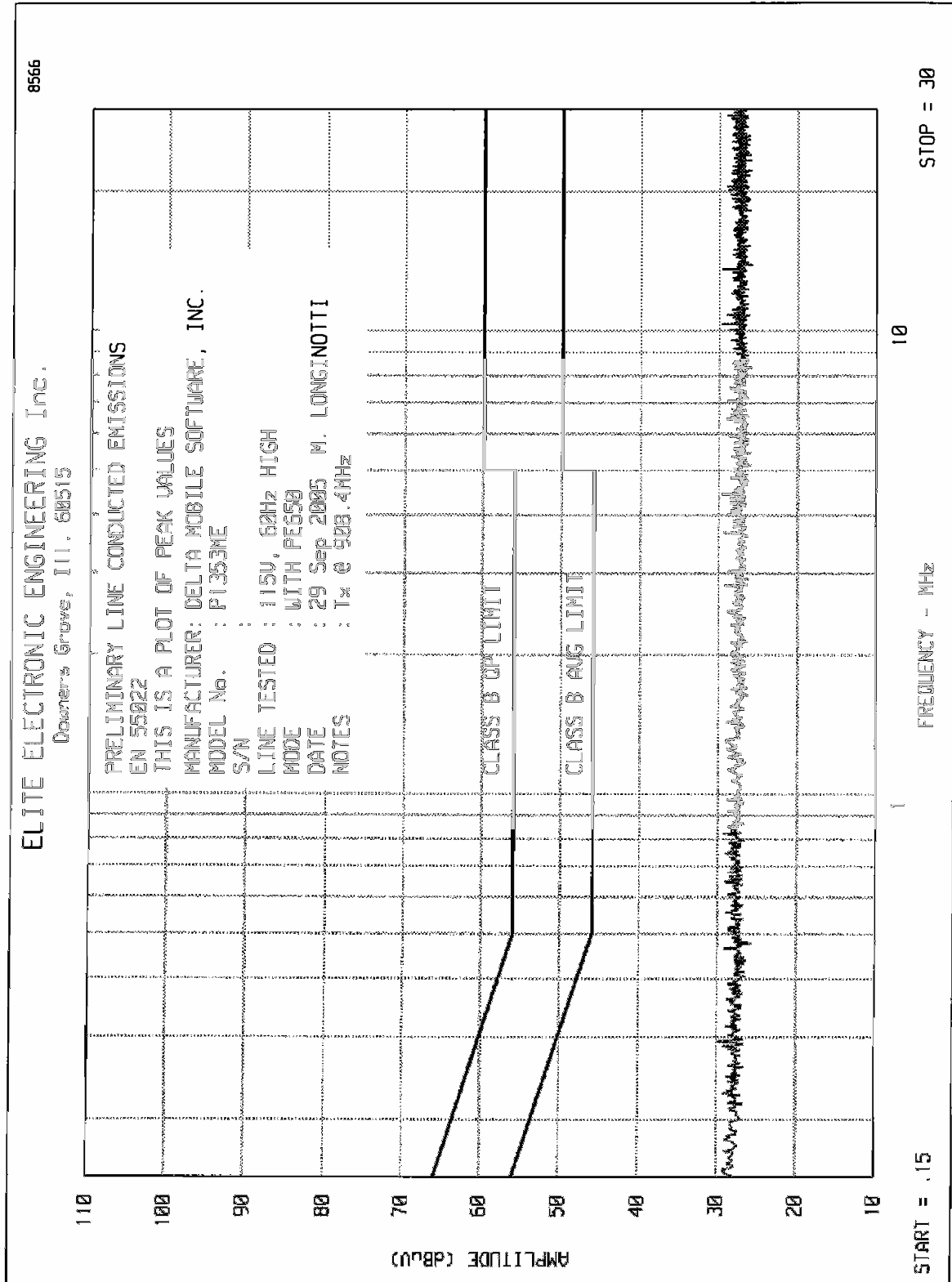


ETR No.
ELITE ELECTRONIC ENGINEERING CO.

MANUFACTURER : DELTA MOBILE SOFTWARE, INC.
MODEL : P1353ME
S/N :
SPECIFICATION : EN 55022, CLASS B
TEST : LINE CONDUCTED EMISSIONS
LINE TESTED : 115V, 60Hz RETURN
MODE : WITH PE650
DATE : 30 Sep 2005
NOTES : Rx @ 908.3MHz
RECEIVER : HP 8566 w/ HP85650A QP ADAPTOR
VALUES MEASURED WITH QP DETECTOR USING 9kHz BANDWIDTH

FREQUENCY MHz	METER RDG. dBuV	QP LIMIT dBuV	AVG RDG dBuV	AVG LIMIT dBuV	NOTES
.401	27.0	57.8		47.8	
.629	26.3	56.0		46.0	
1.342	26.3	56.0		46.0	
2.537	26.1	56.0		46.0	
4.286	26.0	56.0		46.0	
6.835	25.4	60.0		50.0	
8.470	25.4	60.0		50.0	
11.443	25.6	60.0		50.0	
13.593	25.6	60.0		50.0	
17.743	25.4	60.0		50.0	
20.578	25.6	60.0		50.0	
23.003	25.6	60.0		50.0	
26.943	25.4	60.0		50.0	

CHECKED BY: Mark E Longino
M. LONGINO

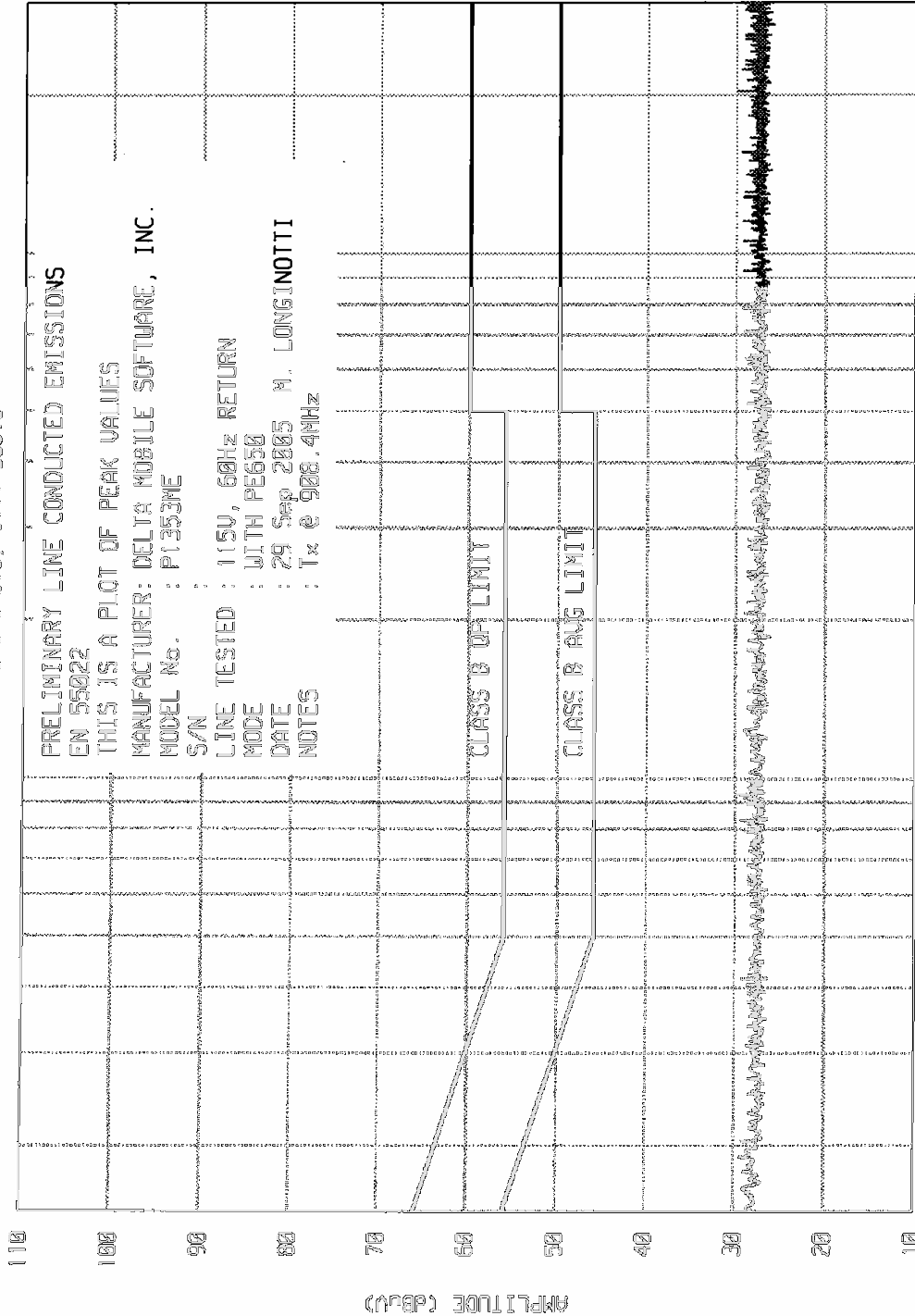


8566

ELITE ELECTRONIC ENGINEERING INC.

Downers Grove, Ill. 60515

PRELIMINARY LINE CONDUCTED EMISSIONS
 EN 55022
 THIS IS A PLOT OF PEAK VALUES
 MANUFACTURER: DELTA MOBILE SOFTWARE, INC.
 MODEL No. : P1353NE
 S/N :
 LINE TESTED : 115V, 60Hz RETURN
 MODE : WITH PE650
 DATE : 29 Sep 2005 M. LONGINOTTI
 NOTES : Tx @ 928.4MHz



START = .15

10

FREQUENCY - MHz

STOP = 30



ETR No.
ELITE ELECTRONIC ENGINEERING CO.

MANUFACTURER : DELTA MOBILE SOFTWARE, INC.
MODEL : P1353ME
S/N :
SPECIFICATION : EN 55022, CLASS B
TEST : LINE CONDUCTED EMISSIONS
LINE TESTED : 115V, 60Hz HIGH
MODE : WITH PE 650
DATE : 29 Sep 2005
NOTES : Tx @ 908.4MHz Tx @ 906.4MHz
RECEIVER : HP 8566 w/ HP85650A QP ADAPTOR
VALUES MEASURED WITH QP DETECTOR USING 9kHz BANDWIDTH

FREQUENCY MHz	METER RDG. dBuV	QP LIMIT dBuV	AVG RDG dBuV	AVG LIMIT dBuV	NOTES
.351	27.0	58.9		48.9	
.489	26.2	56.2		46.2	
.957	26.2	56.0		46.0	
2.116	26.0	56.0		46.0	
3.500	26.0	56.0		46.0	
5.747	25.4	60.0		50.0	
6.883	25.4	60.0		50.0	
9.511	25.4	60.0		50.0	
11.993	25.6	60.0		50.0	
15.996	25.6	60.0		50.0	
17.558	25.4	60.0		50.0	
21.848	25.6	60.0		50.0	
24.728	25.4	60.0		50.0	
27.358	25.6	60.0		50.0	

CHECKED BY: *Mark E Longinotti*
M. LONGINOTTI

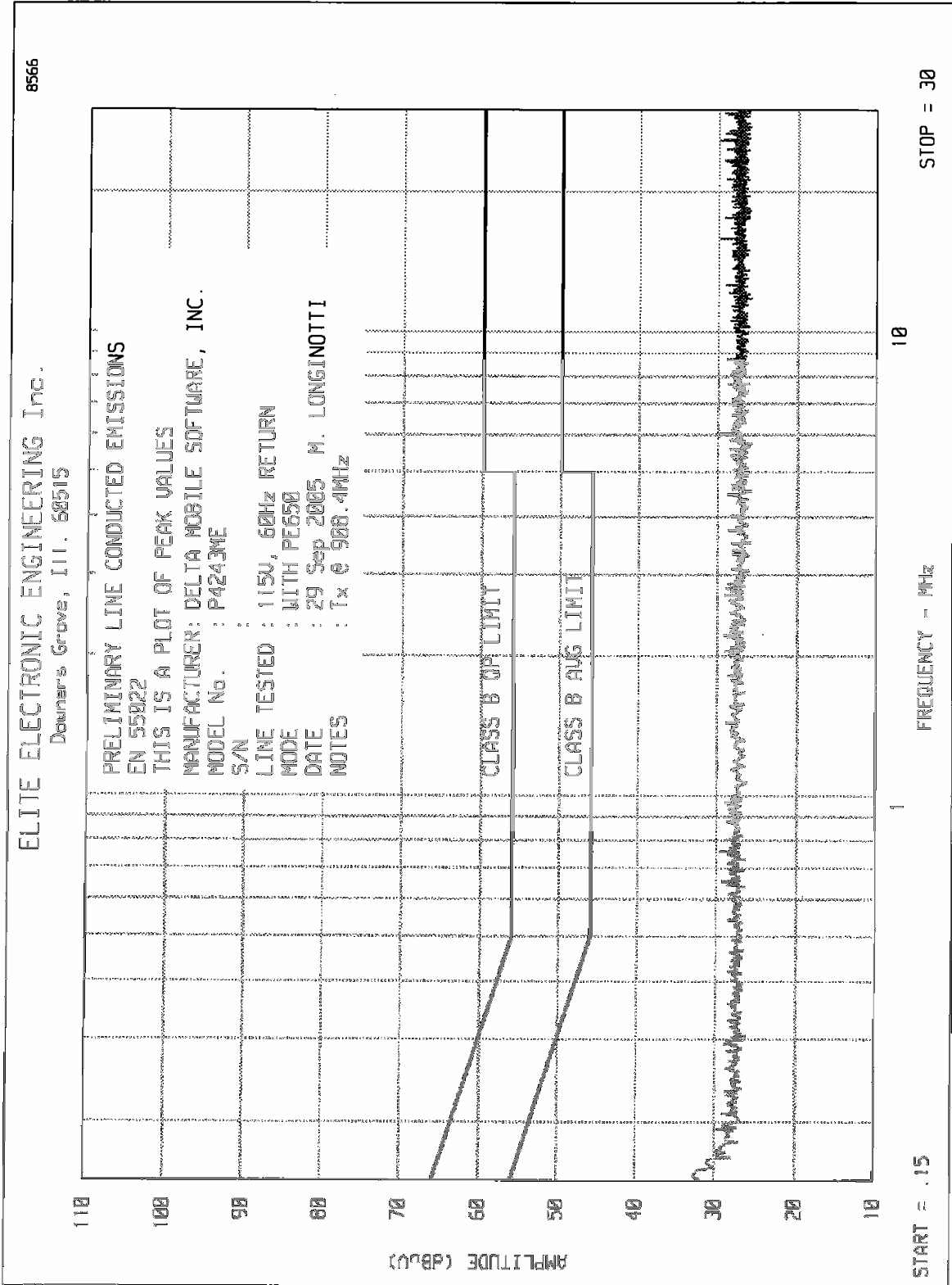


ETR No.
ELITE ELECTRONIC ENGINEERING CO.

MANUFACTURER : DELTA MOBILE SOFTWARE, INC.
MODEL : P1353ME
S/N :
SPECIFICATION : EN 55022, CLASS B
TEST : LINE CONDUCTED EMISSIONS
LINE TESTED : 115V, 60Hz RETURN
MODE : WITH PE650
DATE : 29 Sep 2005
NOTES : Tx @ 908.4MHz
RECEIVER : HP 8566 w/ HP85650A QP ADAPTOR
VALUES MEASURED WITH QP DETECTOR USING 9kHz BANDWIDTH

FREQUENCY MHz	METER RDG. dBuV	QP LIMIT dBuV	AVG RDG dBuV	AVG LIMIT dBuV	NOTES
.405	27.1	57.8		47.8	
.619	26.3	56.0		46.0	
.922	26.0	56.0		46.0	
2.046	25.8	56.0		46.0	
3.866	25.9	56.0		46.0	
4.988	25.4	56.0		46.0	
7.739	25.6	60.0		50.0	
9.230	25.4	60.0		50.0	
12.738	25.6	60.0		50.0	
15.528	25.4	60.0		50.0	
19.093	25.6	60.0		50.0	
22.033	25.6	60.0		50.0	
24.399	25.4	60.0		50.0	
26.998	25.4	60.0		50.0	

CHECKED BY: Mark E Longinetti
M. LONGINETTI





ETR No.
ELITE ELECTRONIC ENGINEERING CO.

MANUFACTURER : DELTA MOBILE SOFTWARE, INC.
MODEL : P4243ME
S/N :
SPECIFICATION : EN 55022, CLASS B
TEST : LINE CONDUCTED EMISSIONS
LINE TESTED : 115V, 60Hz HIGH
MODE : WITH PE650
DATE : 29 Sep 2005
NOTES : Tx @ 908.4MHz
RECEIVER : HP 8566 w/ HP85650A QP ADAPTOR
VALUES MEASURED WITH QP DETECTOR USING 9kHz BANDWIDTH

FREQUENCY MHz	METER RDG. dBuV	QP LIMIT dBuV	AVG RDG dBuV	AVG LIMIT dBuV	NOTES
.150	28.4	66.0		56.0	
.431	26.6	57.2		47.2	
.805	26.3	56.0		46.0	
1.048	26.4	56.0		46.0	
2.430	25.9	56.0		46.0	
3.776	25.9	56.0		46.0	
5.207	25.4	60.0		50.0	
7.339	25.6	60.0		50.0	
10.998	25.6	60.0		50.0	
13.203	25.6	60.0		50.0	
16.358	25.6	60.0		50.0	
19.048	25.6	60.0		50.0	
24.122	25.4	60.0		50.0	
25.899	25.6	60.0		50.0	

CHECKED BY: *Mark E Longinotti*
M. LONGINOTTI

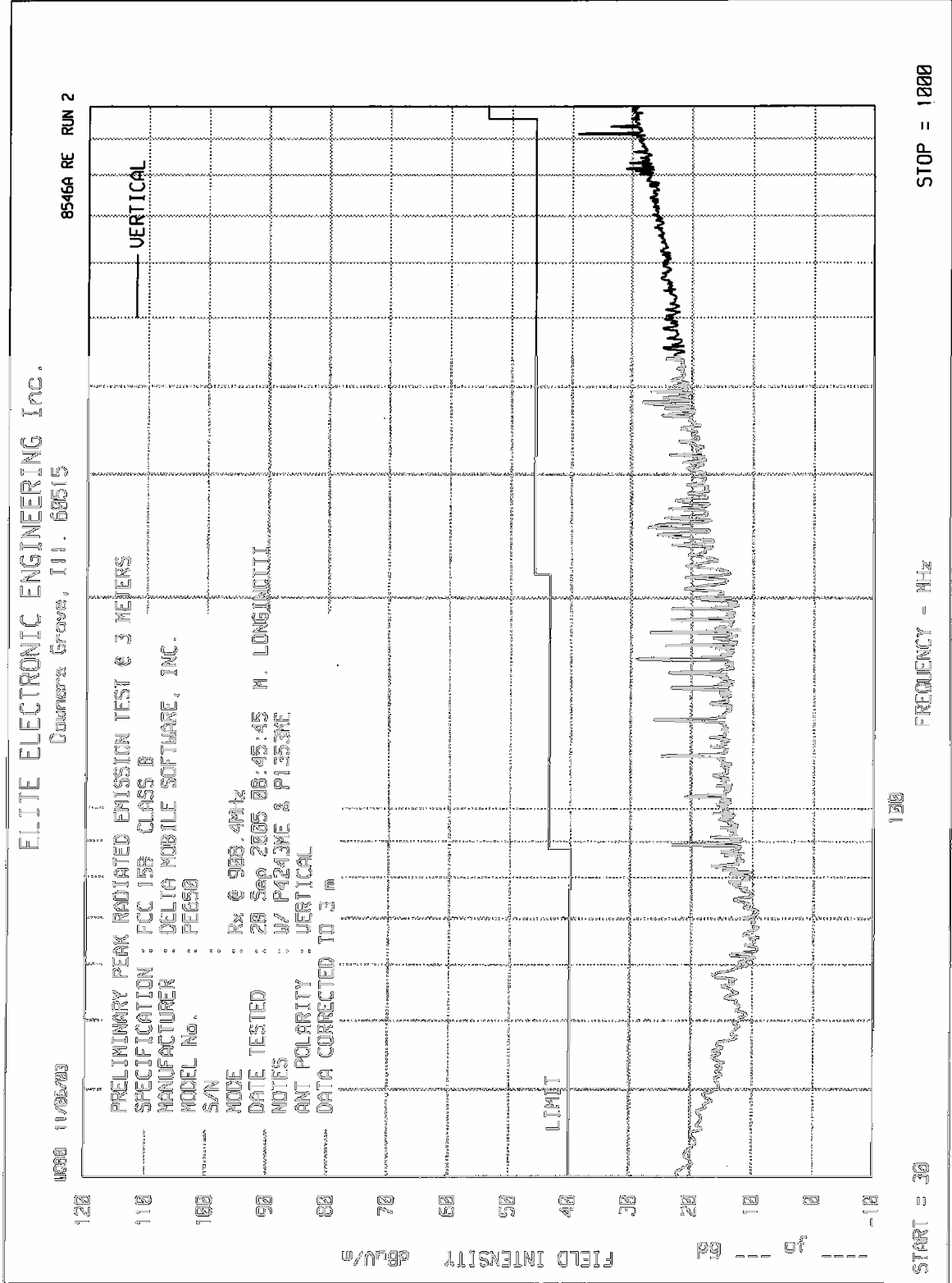


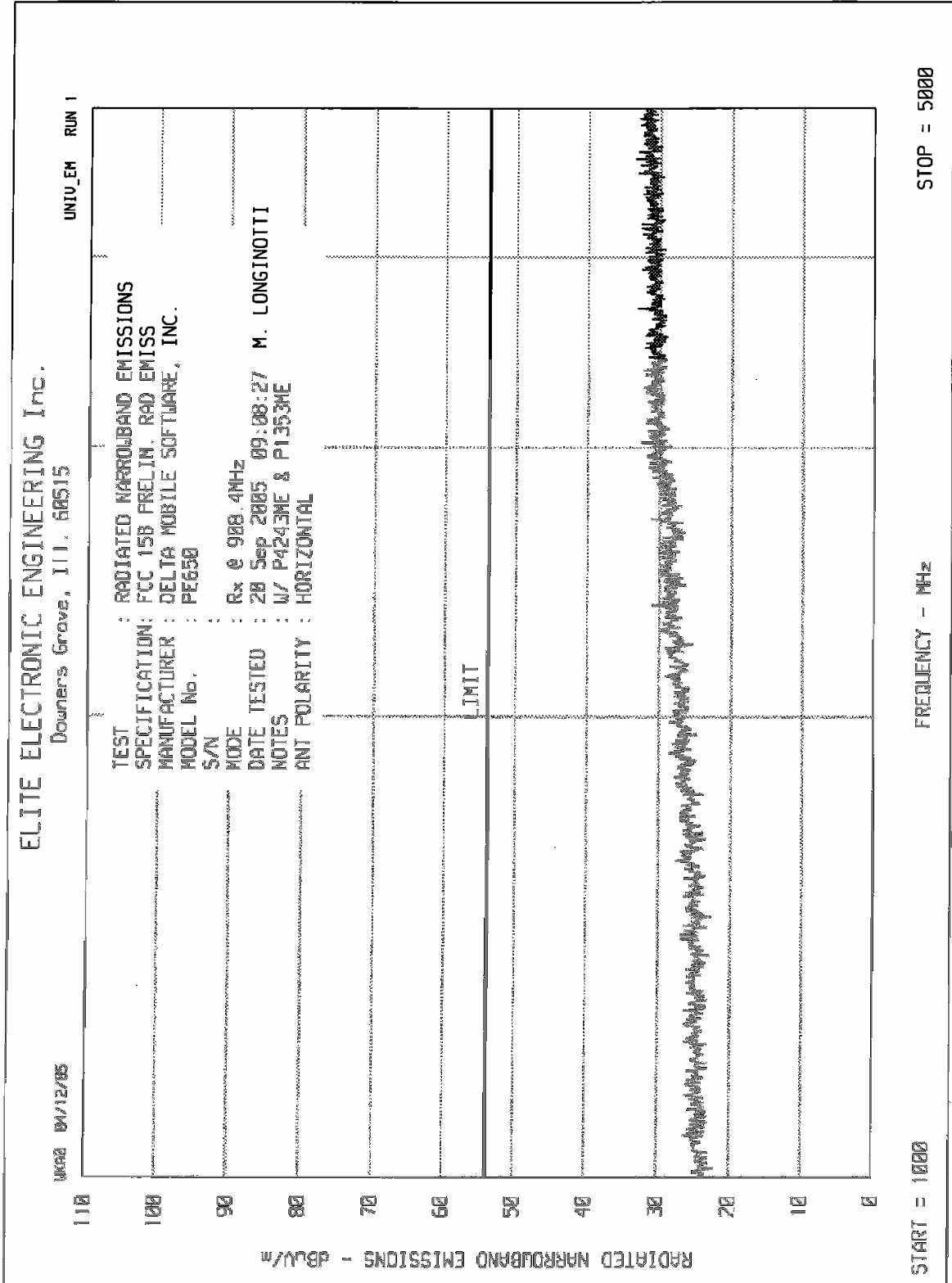
ETR No.
ELITE ELECTRONIC ENGINEERING CO.

MANUFACTURER : DELTA MOBILE SOFTWARE, INC.
MODEL : P4243ME
S/N :
SPECIFICATION : EN 55022, CLASS B
TEST : LINE CONDUCTED EMISSIONS
LINE TESTED : 115V, 60Hz RETURN
MODE : WITH PE650
DATE : 29 Sep 2005
NOTES : Tx @ 908.4MHz
RECEIVER : HP 8566 w/ HP85650A QP ADAPTOR
VALUES MEASURED WITH QP DETECTOR USING 9kHz BANDWIDTH

FREQUENCY MHz	METER RDG. dBuV	QP LIMIT dBuV	AVG RDG dBuV	AVG LIMIT dBuV	NOTES
.150	28.6	66.0		56.0	
.430	26.6	57.3		47.3	
.750	26.2	56.0		46.0	
1.426	26.2	56.0		46.0	
2.990	25.9	56.0		46.0	
4.637	25.9	56.0		46.0	
7.171	25.6	60.0		50.0	
8.998	25.4	60.0		50.0	
12.573	25.6	60.0		50.0	
15.473	25.6	60.0		50.0	
19.038	25.6	60.0		50.0	
21.233	25.4	60.0		50.0	
23.328	25.4	60.0		50.0	
26.643	25.4	60.0		50.0	

CHECKED BY: *M. Longinotti*
M. LONGINOTTI







MANUFACTURER : Delta Mobile Software, Inc.
TEST ITEM : Transceiver
MODEL NO. : PE650
SERIAL NO. : Sample A
TEST SPECIFICATION : FCC 15.109(a), Radiated Emissions
MODE : Receive @ 908.3MHz
TEST DATE : September 20, 2005
TEST DISTANCE : 3 meters

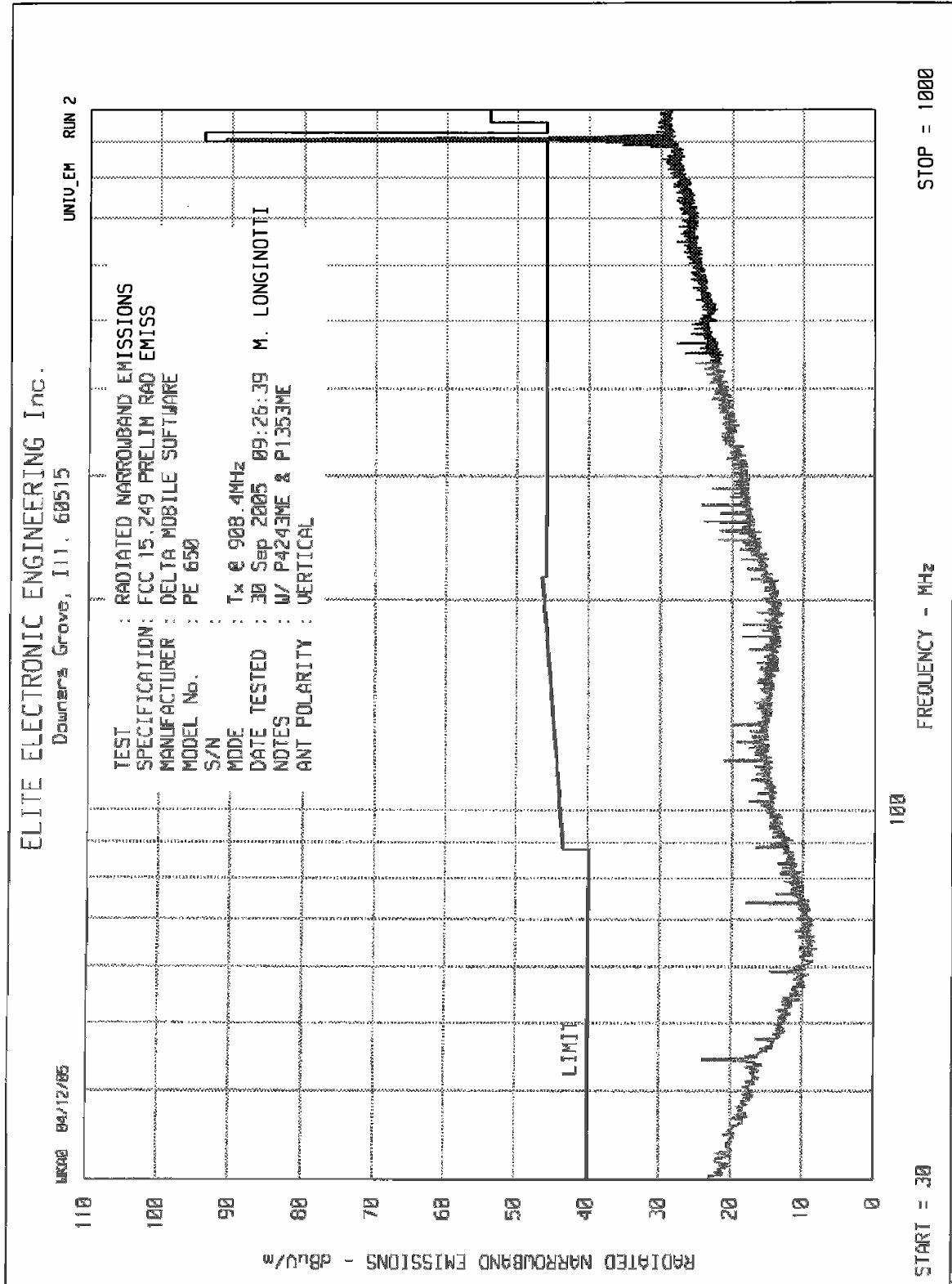
Frequency MHz	Antenna Polarity	Meter Reading dBuV	Ambient	Cable Loss dB	Antenna Factor dB	Preamp Gain dB	Total dBuV/m	Total uV/m	Limit uV/m
908.3	H	18.4		1.9	23.0	0.0	43.3	146.4	200.0
908.3	V	15.5		1.9	23.0	0.0	40.4	104.9	200.0
1816.6	H	46.4	Ambient	2.9	28.1	-36.3	41.0	112.6	500.0
1816.6	V	46.0	Ambient	2.9	28.1	-36.3	40.6	107.5	500.0
2724.9	H	43.6	Ambient	3.8	31.4	-35.9	42.9	139.2	500.0
2724.9	V	44.6	Ambient	3.8	31.4	-35.9	43.9	156.2	500.0
3633.2	H	43.1	Ambient	4.4	32.5	-35.6	44.4	166.7	500.0
3633.2	V	43.2	Ambient	4.4	32.5	-35.6	44.5	168.6	500.0
4541.5	H	43.1	Ambient	4.8	32.9	-35.3	45.5	189.4	500.0
4541.5	V	42.6	Ambient	4.8	32.9	-35.3	45.0	178.8	500.0

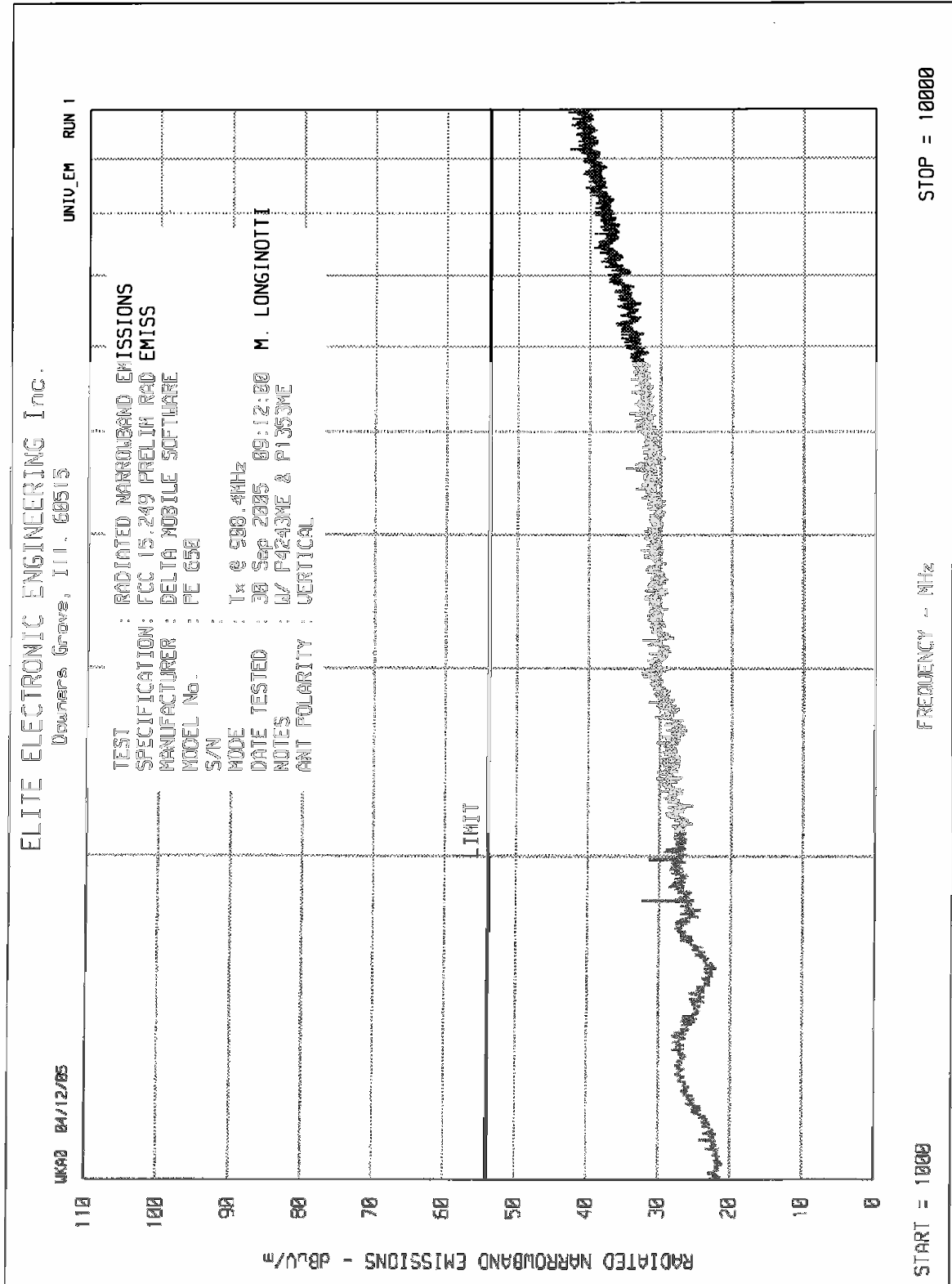
H – Horizontal

V = Vertical

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain

Checked By : MARK E. LONGINOTTI







MANUFACTURER : Delta Mobile Software, Inc.
 TEST ITEM : Transceiver
 MODEL NO. : PE650
 SERIAL NO. : Sample B
 TEST SPECIFICATION : FCC 15.249(a), Radiated Emissions
 MODE : Transmit @ 908.4MHz
 TEST DATE : September 30, 2005
 TEST DISTANCE : 3 meters

Frequency MHz	Antenna Polarity	Meter Reading dBuV	Ambient	Cable Loss dB	Antenna Factor dB	Preamp Gain dB	Total dBuV/m	Total uV/m	Limit uV/m
908.4	H	49.6		1.9	27.8	0.0	79.3	9278.5	50000.0
908.4	V	60.9		1.9	27.8	0.0	90.6	34077.3	50000.0
1816.8	H	48.8		2.9	28.1	-36.3	43.4	148.4	500.0
1816.8	V	49.4		2.9	28.1	-36.3	44.0	159.0	500.0
2725.3	H	45.7		3.8	31.4	-35.9	45.0	177.3	500.0
2725.2	V	44.9		3.8	31.4	-35.9	44.2	161.7	500.0
3633.7	H	44.7	Ambient	4.4	32.5	-35.6	46.0	200.5	500.0
3633.6	V	44.1	Ambient	4.4	32.5	-35.6	45.4	187.1	500.0
4542.1	H	43.1	Ambient	4.8	32.9	-35.3	45.5	189.4	500.0
4542.0	V	42.2	Ambient	4.8	32.9	-35.3	44.6	170.7	500.0
5450.5	H	40.2	Ambient	5.2	35.3	-35.2	45.6	189.8	500.0
5450.4	V	40.5	Ambient	5.2	35.3	-35.2	45.9	196.5	500.0
6358.9	H	29.2	Ambient	5.9	36.1	-35.3	35.9	62.6	500.0
6358.8	V	29.2	Ambient	5.9	36.1	-35.3	35.9	62.6	500.0
7267.4	H	28.8	Ambient	6.6	37.7	-35.6	37.5	75.4	500.0
7267.2	V	28.8	Ambient	6.6	37.7	-35.6	37.5	75.3	500.0
8175.8	H	29.9	Ambient	7.1	37.7	-35.8	38.9	87.9	500.0
8175.6	V	29.9	Ambient	7.1	37.7	-35.8	38.9	87.9	500.0
9084.2	H	30.3	Ambient	7.5	38.0	-36.2	39.6	95.5	500.0
9084.0	V	30.3	Ambient	7.5	38.0	-36.2	39.6	95.5	500.0

H – Horizontal

V = Vertical

Total = Meter Reading + Cable Loss + Antenna Factor + Preamp Gain

Checked By : MARK E. LONGINOTTI

ELITE ELECTRONIC ENGINEERING Inc.

MKR 908.37 MHz
65.80 dBu

REF 77.0 dBu

ATTEN 0 dB

MANUFACTURER: DELTA MOBILE SOFTWARE
MODEL NO.: PE 650
SERIAL NO.: NONE ASSIGNED
MODE: Tx @ 908.4MHz
NOTES:

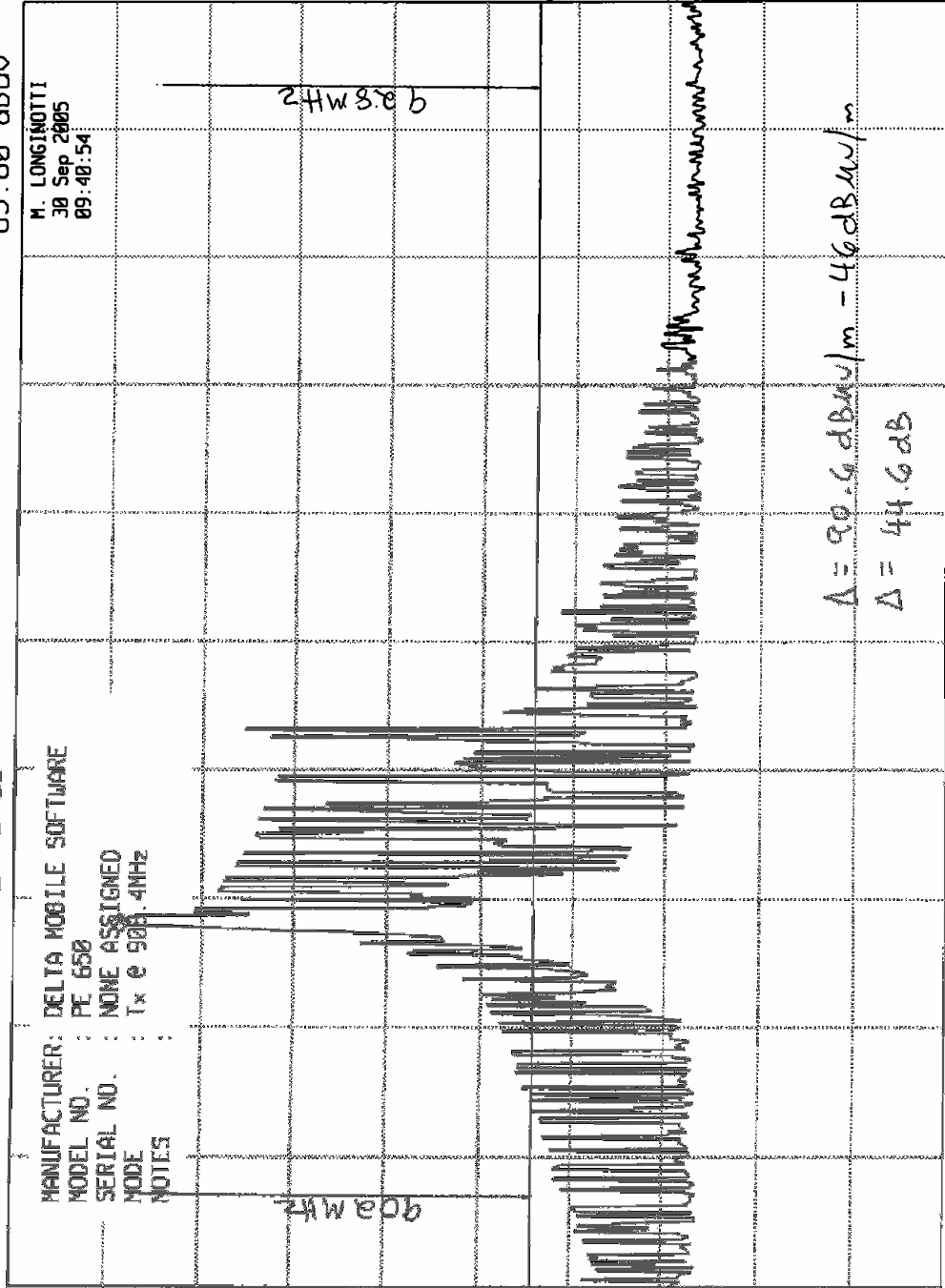
M. LONGIOTTI
30 Sep 2005
09:48:54

bp

10 dB/

OFFSET
-20.0
dB

DL 21.2
dBu



$\Delta = 90.6 \text{ dBu/m} - 46 \text{ dBu/m}$
 $\Delta = 44.6 \text{ dB}$

STOP 930.0 MHz
SWP 22.5 msec

UBW 1 MHz

RES BW 100 kHz(i)

START 900.0 MHz